

# Work Order ID 51281

August 13, 2009 1:27:02 PM



SHIP

Friday Aug 14<sup>th</sup> Page 1

Item ID: D350-689-013

Accept



Setup Start



Revision ID: N/A

Item Name: Floor Provisions

Stop



Start Date: 08/13/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 08/13/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: mf Date: 09-08-13

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr Revision Nbr

~~N/A~~ 1CA-D350-689 Rev ~~N/A~~ 0

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 002

mf 09-08-13

Sa/08/14

110

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

=> Sa/08/14

①

120

0.00



Packaging

Packaging

Memo

0.00

Packaging

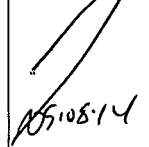
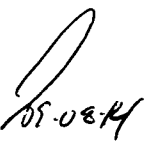
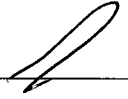
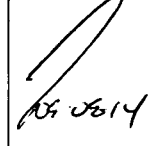
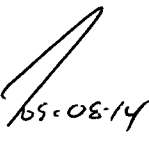
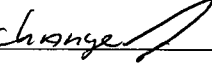
Identify and pack for shipping as per PPP D350-689-013

Location: Sh  
PPP Rev: 2

9/8/14

Ⓚ SP

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
05-08-14	W/O header	IN Please add drawing <del>LEA</del> - B350-680 Rev. <del>0</del> (zero) to the drawing box.						
		perm change 	CE	09-08-31				
05-08-14	110	Prior to 110, please add a "pick list" sequence. & update the Route in the Pick list. (leave as 110) → QCY will move to 120.						
		Add individual Qty's for pick list. perm change 	CE	09-08-31				

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D350-689-013

Accept



Setup Start



Revision ID: N/A

Stop



Item Name: Floor Provisions

Start Date: 08/13/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 08/13/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*[Signature]* / 08-08-14  
MF 09-08-14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 51281

Parent Item: D350-689-013RevN/A

Parent Item Name: Floor Provisions

Start Date: 08/13/2009

Required Date: 08/13/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN960JD10L

X6

Purchased

No

110

Each

6,733.000

6.0000



Washer

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

6733

101291

16

104885

153

105793

236

109632

1328

110985

5000

109632 MD 09/08/13

D3025-1RevA1

X1

Manufactured

No

110

Each

6.0000

1.0000



Beam

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

6

22566

6

22566 MD 09/08/13

D3026-1RevB

X1

Manufactured

No

110

Each

1.0000

1.0000



Channel

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

1

43291

1

43291 MD 09/08/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Work Order ID: 51281

Parent Item: D350-689-013RevN/A

Parent Item Name: Floor Provisions

Start Date: 08/13/2009

Required Date: 08/13/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3027-1RevB *H* Manufactured No



Clip

110

Each

36.0000

1.0000



Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

36

22566

36

110

Each

28.0000

1.0000



22566 MD 09/08/13

D3027-3RevB *H* Manufactured No



Clip

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

28

22566

28

110

Each

28.0000

1.0000



22566 MD 09/08/13

D3027-5RevB *H* Manufactured No



Clip

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

28

22566

28

22566 MD 09/08/13

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

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Work Order ID: 51281

Parent Item: D350-689-013RevN/A

Parent Item Name: Floor Provisions


Start Date: 08/13/2009

Required Date: 08/13/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S D3027-7RevB  Clip		Manufactured	No			110	Each	30.0000	4.0000			

Warehouse Loc Qty Loc Code

Location


Main Warehouse

ST

30

44566

30

S D3032-1RevA   
Spacer

Manufactured No

110

Each

6.0000

1.0000

Warehouse Loc Qty Loc Code

Location


Main Warehouse

ST

6

22566

6

S D3033-1RevA1   
Seat Track


Manufactured No

110

Each

0.0000

2.0000

S D3033-3RevA1   
Seat Track

Manufactured No

110

Each

0.0000

1.0000

44566 SP 09/08/13

22566 SP

51283 SP

B51284 SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Work Order ID: 51281



Parent Item: D350-689-013RevN/A



Parent Item Name: Floor Provisions

Start Date: 08/13/2009

Required Date: 08/13/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS20426AD3-6  Rivet	716	Purchased	No			110	Each	3,128.000	16.0000			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

3128

105055

3128

16 X 105055

MD 09/08/13

MS20426AD4-6

717

Purchased

No

110

Each

4,195.000

17.0000

Rivet

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

4195

100151

27

103395

14

105144

353

110139

3774

2525

27

17 X 105144

MD 09/08/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 51281

Parent Item: D350-689-013RevN/A

Parent Item Name: Floor Provisions


Start Date: 08/13/2009

Required Date: 08/13/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS20470AD4-5  Rivet, Universal Head		Purchased	No			110	Each	3,771.000	18.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	3771	
109031	771	
111916	3000	

18 X 109031 MD 09/08/13

MS20470AD4-6  Rivet, Universal Head		Purchased	No			110	Each	1,087.000	2.0000			
---	--	-----------	----	--	--	-----	------	-----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	1087	
109371	64	
110915	1023	

2X 110915 MD 09/08/13

MS20470AD5-6  Rivet		Purchased	No			110	Each	2,204.000	30.0000			
---	--	-----------	----	--	--	-----	------	-----------	---------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	2204	
105433	2204	

30 X 105433 MD 09/08/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 51281

Parent Item: D350-689-013RevN/A

Parent Item Name: Floor Provisions


Comments:

Start Date: 08/13/2009

Required Date: 08/13/2009


Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S MS21059L3  Nut Plate		Purchased	No			110	Each	678.0000	8.0000			


<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	678	
109962	178	
111925	500	

8 x 169962 MD 09/08/13

S MS24693-S273  Screw		Purchased	No			110	Each	899.0000	2.0000			
--	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	899	
100151	860	
1495	39	

2 x 1495 MD 09/08/13

S MS27039-1-10  Screw		Purchased	No			110	Each	48.0000	6.0000			
--	--	-----------	----	--	--	-----	------	---------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	48	
111425	48	

6 x 111425 MD 09/08/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**25.5 WEIGHT AND BALANCE**

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011	27.0 lb	-18.2 in	-491 in-lb	60.7 in	1639 in-lb
Dual High Back Seat Installation	12.2 kg	-0.46 m	-5.6 m-kG	1.54 m	18.8 m-kG
D350-689-013	2.0 lb	-18.2 in	-36 in-lb	60.7 in	121 in-lb
Floor Provisions Kit	0.9 kg	-0.46 m	-0.4 m-kG	1.54 m	1.4 m-kG

**25.6 PARTS LIST**

Qty		Part Number	Description
X		D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X	D350-689-013	FLOOR PROVISIONS KIT
1		X D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
	2	D3016-041	SEAT FRAME ASSEMBLY
	1	D3017-041	BACK FRAME ASSEMBLY
1		D3018-1	SEAT CUSHION
1		D3019-1	BACK CUSHION
	1	D3021-041	TUBE ASSEMBLY
	1	D3022-1	SEAT PAN
	1	D3023-1	BACK PANEL
	3	D3024-1	SPACER
	1	D3025-1	BEAM
	1	D3026-1	CHANNEL
	1	D3027-1	CLIP
	1	D3027-3	CLIP
	1	D3027-5	CLIP
	4	D3027-7	CLIP
	4	D3028-1	STUD
	2	D3029-1	SPRING
	2	D3030-1	LOCK
	2	D3031-1	LOOP
	1	D3032-1	SPACER
	1	D3033-1	SEAT TRACK
	1	D3033-3	SEAT TRACK
	6	23 AN960JD10L	WASHER
		3 AN3-12A	BOLT
	16	MS20426AD3-6	RIVET
	17	MS20426AD4-6	RIVET
	18	MS20470AD4-5	RIVET
	2	MS20470AD4-6	RIVET
	30	MS20470AD5-6	RIVET
		46 MS20600AD4W2	RIVET
	8	MS21059L3	NUTPLATE
	6	MS27039-1-10	SCREW
		4 MS27039-1-17	SCREW
		12 MS27039-1-19	SCREW
		4 MS24693-S272	SCREW
	2	MS24693-S273	SCREW
		23 MS21042L3	NUT (OR MS21042-3)

W/O 5-1281

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**25-00-00**